

# Mathematics Achievement Fund Update

*A Monthly Update for the Mathematics Achievement Fund Grant*

**August 2013**

**Volume 2 – Issue 1**

Mathematics  
Achievement  
Fund  
Diagnostic and  
Intervention  
Services



## Welcome Back

Hopefully everyone enjoyed some much needed relaxation over the summer and is ready to start a new school year. For those new MITs, I would like to take this opportunity to introduce myself. I have been working with the Department of Education for about ten months as the Mathematics Intervention Consultant and the state coordinator for the Mathematics Achievement Fund. In my nine years of classroom experience, I spent the last four years teaching 5<sup>th</sup> grade mathematics. In addition to teaching the core instruction to the students, I also planned and organized math intervention groups for all 5<sup>th</sup> grade students based on formative and summative assessments. I became very passionate about math standards and math instruction that meets the needs of a variety of learners.

Each month you will receive updates containing information and resources related to the MAF Grant. This year's updates will be a little shorter and more focused on program requirements to help make them more useful for you and your time. If you have any suggestions for topics or resources to include in an upcoming edition, please feel free to contact me. Our best resource is each other.

Thank you for your continued dedication to students and helping them succeed in math by providing effective interventions each and every day. I look forward to working with you this year. Please know that I am here to answer any questions that you may have and assist you at any time.

Thank you – Pamela Pickens

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## Background

The Mathematics Achievement Fund (MAF) grant provides schools with funds for teacher training (otherwise not provided by the KCM), implementation of mathematics diagnostic assessment, and intervention services and program(s) that address the needs of students in the primary program who are struggling with mathematics. The diagnostic assessment, intervention services and program(s) should promote effective instructional practices in mathematics. Selected mathematics diagnostic assessment, intervention services and program(s) should be based on data specific to the needs of the identified students that the program(s) will serve. As specified in KRS 158.844, the mathematics diagnostic assessment and intervention services and program(s) selected must be: provided to a student by a certified teacher with training in mathematics diagnostic assessment and intervention services; based on reliable, replicable research; and based on the ongoing assessment of individual student needs.

## Requirements

Students that receive intervention services from the MIT must be in the primary program and identified as at-risk in mathematics; must receive intervention services based on a school determined process for recommending and assessing student eligibility; and must be assessed for purposes of identification.

### Department of Education

Office of Next-Generation Learners

Division of Learning Services

Differentiated Learning Branch

Division Director: Johnny Collett

Branch Manager: April Pieper

Mathematics Intervention Consultant: Pamela Pickens

### Yearly KDE Requirements:

#### Beginning of the School Year

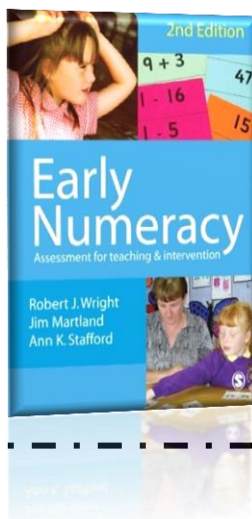
- ☐ Assurance Statement and Budget Summary

#### Middle of the School Year

- ☐ DOR Submission
- ☐ MIT Grant Survey

#### End of the School Year

- ☐ DOR Submission
- ☐ MIT End-of-Year Survey
- ☐ Inventory



## Recommended Reading

***Early Numeracy: Assessment for Teaching and Intervention (Math Recovery)* by Robert J. Wright, James Martland and Ann K Stafford**

The assessment tools in this edition help teachers identify children's difficulties and misconceptions and become more skilled and confident in planning programs for intervention and monitoring children's progress.

## Upcoming Dates

<b>August 13<sup>th</sup></b>	MAF Orientation Online Meeting 1:00 pm EST (12:00 CST)
<b>August 30<sup>th</sup></b>	Professional Noticing Measure Deadline for KCM Math Beliefs and Attitudes Survey Deadline for KCM
<b>October 25<sup>th</sup></b>	Fall MQI Video Recording of Lesson for KCM
<b>November 1<sup>st</sup></b>	Fall DOR Submission Deadline for KCM and KDE Submit to <a href="mailto:pamela.pickens@education.ky.gov">pamela.pickens@education.ky.gov</a> and <a href="mailto:mitdata@nku.edu">mitdata@nku.edu</a>



## Wonderful Website

**Turn-On Common Core Math** - Turnonccmath.com is designed to elaborate the "scientific basis" of learning trajectories research and link to the Common Core State Standards. Unpacked descriptors describe students' movement from naive to sophisticated ideas by identifying bridging standards; underlying cognitive principles; student misconceptions, strategies and inscriptions; and models, related representations and contexts. The descriptors for each learning trajectory include a diagram that provides a Structural Overview of the standards and descriptors within that Learning Target. <http://turnonccmath.net/>



### Featured Link this Month: PD 360°

PD 360° provides that largest online library of differentiated training videos for educators. The 2,000+ videos and online professional learning community of nearly 1,000,000 verified educators make PD 360° the world's largest on-demand professional development resource for educators.

Check out the following resources about **Student-Centered Learning**:

- Student-centered Math Instruction  
<http://www.pd360.com/index.cfm?ContentId=5252>
- Student-centered projects  
<http://www.pd360.com/index.cfm?ContentId=5210>
- 15 Guiding Principles for Student-Centered Learning Communities  
<http://www.pd360.com/index.cfm?locType=3&loc=29&thread=55028>
- Project-based Learning in Student-Centered Learning Schools  
<http://www.pd360.com/index.cfm?joinGroup=41749>

